

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A brazing flux for the brazing of individual heat exchanger parts, comprising:
a flux, comprising a base material and nanoparticles,
wherein the flux contains nanoparticles in an amount between 0.01% by volume and 10% by volume, and
wherein the nanoparticles comprise nanoaggregates dispersed in an organic polymer
~~wherein the nanoparticles are dispersed in an organic polymer nanoaggregate.~~
2. (Canceled)
3. (Canceled)
4. (Previously Presented) The flux as claimed in claim 1, wherein a proportion of the organic polymer in the flux after drying is between approximately 0.01% by volume and 10% by volume.
5. (Previously Presented) The flux as claimed in claim 4, in which the organic polymer used is polyurethanes, synthetic resins, phthalates, acrylates, vinyl resins, silicone resins and/or polyolefins.
6. (Previously Presented) The flux as claimed in claim 1, in which the base material used is potassium fluoroaluminates with the empirical formula $K_{1-3}AlF_{4-6}$ or potassium and/or cesium fluorostannates with the empirical formulae $KSnF_3$ and $CsSnF_3$.
7. (Withdrawn) A process for producing the flux as claimed in claim 1, in which nanoparticles are produced by dispersion methods and are added to a base material prior to the brazing process.